

## Second phase drilling commences at Browns Range



Heavy rare earths producer, Northern Minerals Limited (ASX:NTU) (**Company**) is pleased to announce the commencement of drilling at Browns Range, kicking off the second phase drilling campaign announced in May.

The second phase campaign will include up to 12,000 metres of reverse circulation (**RC**) drilling aimed at expanding the inventory of near-surface resources in the Browns Range Dome. The campaign follows on from the first phase campaign completed at the end of 2020 and is part of the Company's \$5 million investment in exploration in 2020-21.

The second phase drilling will include a combination of follow-up holes at the Banshee West and Toad prospects; drill investigation in the vicinity of the Gambit and Gambit West deposits, and at the Rogue prospect; and drill testing at greenfield targets including the Ripcord, Pulse and Quicksilver prospects.

Northern Minerals has developed a detailed plan to complete the second phase of RC drilling in a 12 week campaign, while the drill rig is mobilised at Browns Range.

Reinforcing the Company's long-term commitment to exploration, the Board recently approved a substantial budget of approximately \$10 million for 2021-22.

**Northern Minerals CEO Mark Tory said:** *"The team at Northern Minerals is excited to have the drill rigs arrive on site to start our highly anticipated second phase drilling campaign.*

*"We saw positive results following the first phase of RC drilling and will seek to convert a number of those targets to Mineral Resources from this second phase.*

*"The Browns Range Dome is an amazingly rich and heavily mineralised area, which underpins Northern Minerals' current and future growth."*

**Authorised by Mark Tory - CEO**

### Powering Technology.

**Northern Minerals**  
Ground Floor  
34 Colin Street  
West Perth WA 6005

PO Box 669  
West Perth WA 6872  
northernminerals.com.au  
info@northernminerals.com.au

**ASX: NTU**  
T: +61 8 9481 2344  
ABN: 61 119 966 353

For personal use only



**For further information:**

Mark Tory  
Chief Executive Officer  
Northern Minerals  
+61 8 9481 2344

**For media and broker enquiries:**

Michael Cairnduff  
Cannings Purple  
0406 775 241  
[mcairnduff@canningspurple.com.au](mailto:mcairnduff@canningspurple.com.au)

For personal use only



For personal use only

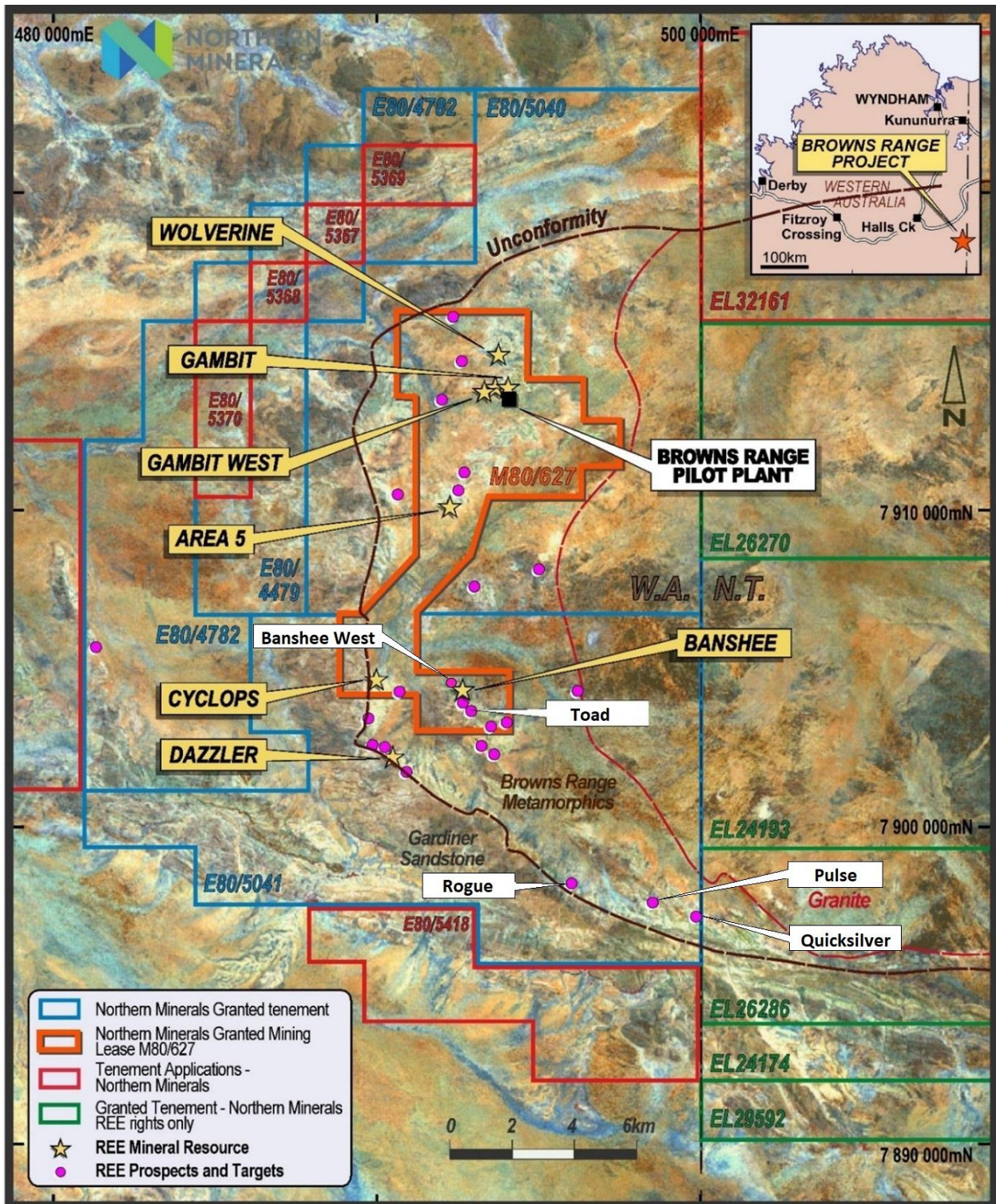


Figure 1 – Northern Minerals has more than 2,300 square kilometres of tenure to evaluate at Browns Range.



### About Northern Minerals:

Northern Minerals Limited (ASX: NTU) (Northern Minerals or the Company) is one of a few producers of heavy rare earth element Dysprosium outside of China via production from the Browns Range Heavy Rare Earth Project in northern Western Australia.

The Company commenced the production of heavy rare earth carbonate in late 2018 as part of a three-year pilot assessment of economic and technical feasibility of a larger scale development at Browns Range. In March 2020, the operation was placed into care & maintenance as a result of COVID-19 and partially restarted operations in August 2020.

The work program provides the opportunity to gain production experience for supply to our offtake partner, thyssenkrupp, as well as allowing targeted pilot plant test work and the assessment of various project enhancement initiatives including ore sorting and the separation of the product into individual rare earth oxides.

Through the development of its flagship project, the Browns Range Project (the Project), Northern Minerals aims to build the Western Australian operation into a significant world producer of dysprosium outside of China.

The Project is 100% owned by Northern Minerals and has several deposits and prospects containing high value dysprosium and other HREs, hosted in xenotime mineralisation.

Dysprosium is an essential ingredient in the production of DyNdFeB (dysprosium neodymium iron-boron) magnets used in clean energy, military and high technology solutions.

For more information: [northernminerals.com.au](http://northernminerals.com.au).



<b>ASX Code:</b>	<b>NTU</b>	<b>Market Capitalisation:</b>	<b>A\$164.8m</b>
<b>Issued Shares:</b>	<b>4,846m</b>	<b>Cash (as at 31 March 2021)</b>	<b>A\$24.4m</b>